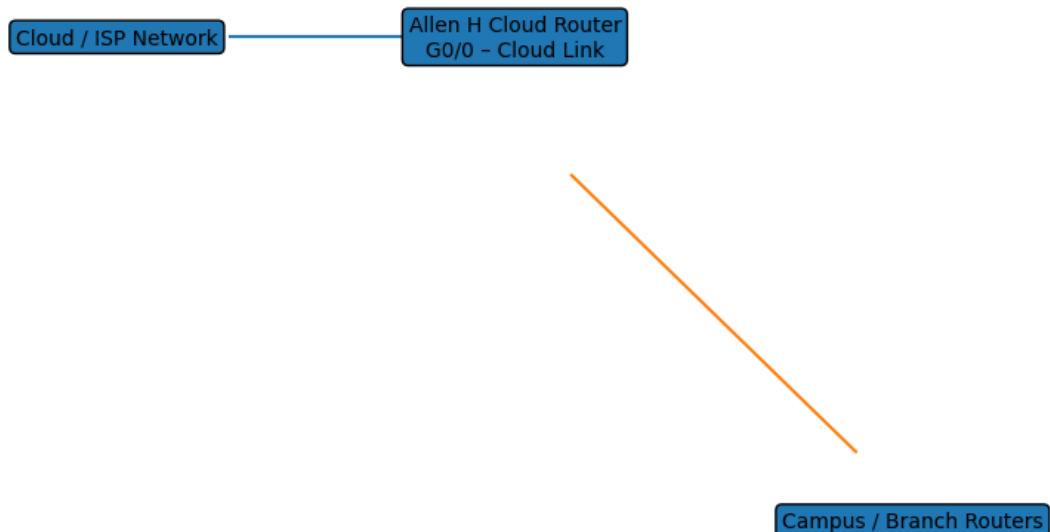


AH Campus Cloud Network Configuration Report

1. Project Overview

The AH Campus Cloud Network provides backbone connectivity between the Allen H campus infrastructure and external cloud or ISP services. This router operates as a WAN transit device using dynamic routing to ensure reliable communication between campuses.

2. Network Topology Diagram



3. Address Table

Interface	IP Address	Subnet Mask	Purpose
GigabitEthernet0/0	20.0.0.1	255.255.255.252	Cloud / ISP Link
Serial0/1/0	10.10.10.6	255.255.255.252	Campus WAN Link

4. VLAN and Port Assignment Table

This router does not implement VLAN segmentation. All interfaces operate at Layer 3 for WAN and cloud routing.

5. Router Configuration (CLI)

```
hostname Router - Allen H Cloud Network
```

```
!
```

```
spanning-tree mode pvst
```

```
!
```

```
interface GigabitEthernet0/0
```

```
ip address 20.0.0.1 255.255.255.252
```

```
duplex auto
```

```
speed auto
!
interface GigabitEthernet0/1
no ip address
shutdown
!
interface GigabitEthernet0/2
no ip address
shutdown
!
interface Serial0/1/0
ip address 10.10.10.6 255.255.255.252
!
interface Serial0/1/1
no ip address
clock rate 2000000
shutdown
!
interface Vlan1
no ip address
shutdown
!
router rip
version 2
network 10.0.0.0
network 20.0.0.0
!
end
```